PEOPLE on the MOVE

Key Management Assignments

Pete Beauregard was named chief, Space Flight Training Division, Mission Operations Directorate.

Promotions

Kim Dees was selected as lead, inventory management specialist, in the Property and Equipment Branch, Support Operations Division, Center Operations Directorate.

Reassignments Between Directorates

Claranita Haefner moves from the Space Shuttle Program Office to the Office of the Chief Financial Officer.

Amy Kennedy-Reynolds moves from the Public Affairs Office to the Human Resources Office.

Reassignments Between Centers

Bill Ramage moves to Marshall Space Flight Center.

Irene Bibyk moves to Goddard Space Flight Center.

Retirements

Carroll Dawson of the Office of the Chief Information Officer.

Frank Hughes of the Mission Operations Directorate.

Resignations

Anita Ramos of the Mission Operations Directorate.

Kelly Cannon of the Space Shuttle Program Office.

Kelli Graham of the Space Shuttle Program Office.

DATES & DATA

June 7

NSBE meets: The National Society of Black Engineers will meet at 6:30 p.m. June 7 at Texas Southern University, School of Technology, Rm. 316. For more information, call Kimberly Topps at (281) 280-2917.

June 8

Aero club meets: The Bay Area Aero Club will meet at 7 p.m. June 8 at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For details call Larry Hendrickson at x32050.

June 9

IAAP meets: The Clear Lake/NASA Chapter of the International Association of Administrative Professionals (formerly Professional Secretaries International) will meet at 5:30 p.m. June 9 at Bay Oaks Country Club. Cost is $16. For details and reservations, call Tami Barbour at (281) 488-0055, x238.

Astronomy seminar: The JSC Astronomy Seminar Club will meet at noon June 9 and 16 in Bldg. 31, Rm. 248A. For more information, call Al Jackson at x35037.

Spaceland Toastmasters meet: The Spaceland Toastmasters will meet at 7 a.m. June 9 and 16 at the House of Prayer Lutheran Church. For more information, call George Salazar at x30162.

Communicators meet: The Clear Lake Communicators, a Toastmasters club, will meet at 11:30 a.m. June 9 and 16 at Lockheed Martin, 555 Forge River Rd. For details, call Allen Prescott at (281) 282-3281 or Mark Caronna at (281) 282-4306.

Spaceteam Toastmasters meet: The Spaceteam Toastmasters will meet at 11:30 a.m. June 9 and 16 at United Space Alliance, 600 Gemini. For details, call Patricia Blackwell at (281) 282-4302.

June 10

MAES meets: The Society of Mexican-American Engineers and Scientists will meet at 11:30 a.m. June 10 in Bldg. 16, Rm. 111. For details, call George Salazar at x30162.

Airplane club meets: The Radio Control Airplane Club will meet at 7 p.m. June 10 at the Clear Lake Park building. For more information, call Bill Langdoc at x35970.

June 11

Astronomers meet: The JSC Astronomical Society will meet at 7:30 p.m. June 11 at the Center for Advanced Space Studies, 3600 Bay Area Blvd. For details, call Chuck Shaw at x35416.

June 16

Scuba club meets: The Lunarfins will meet at 7:30 p.m. June 16. For details, call Mike Manering at x32618.

June 17

Directors meet: The Space Family Education board of directors will meet at 11:30 a.m. June 17 in Bldg. 45, Rm. 712D. For more information on this open meeting, call Gretchen Thomas at x37664.

GILRUTH CENTER NEWS

Hours: The Gilruth Center is open from 6:30 a.m.-10 p.m. Monday-Thursday, 6:30 a.m.-9 p.m. Friday, and 9 a.m.-2 p.m. Saturday. Contact the Gilruth Center at (281) 483-3345.

Sign up policy: All classes and athletic activities are on a first-come, first-served basis. Sign up in person at the Gilruth Center and show a yellow Gilruth or weight room badge. Classes tend to fill up two weeks in advance. Payment must be made in full, in exact change or by check, at the time of registration. No registration will be taken by telephone. For additional information, call x33345.

Gilruth badges: Required for use of the Gilruth Center. Employees, spouses, eligible dependents, NASA retirees and spouses may apply for photo identification badges from 7:30 a.m.-9 p.m. Monday-Friday and 9 a.m.-2 p.m. Saturdays. Cost is $10. Dependents must be between 16 and 23 years old.

Nutrition intervention program: Six-week program includes lectures, a private consultation with the dietitian and blood analysis to chart your progress. Program is open to all employees, contractors and spouses. For details call Tammie Shaw at x32980.

Defensive driving: One-day course is offered once a month at the Gilruth Center. Pre-registration required. Cost is $25. Call for next available class.

Stamp club: Meets every second and fourth Monday at 7 p.m. in Rm. 216.

Weight safety: Required course for employees wishing to use the Gilruth weight room. Pre-registration is required. Cost is $5. Annual weight room use fee is $90. The cost for additional family members is $50.

Exercise: Low-impact class meets from 5:15-6:15 p.m. Mondays and Wednesdays. Cost is $24 for eight weeks.

Fitness program: Health-related fitness program includes a medical screening examination and a 12-week individually prescribed exercise program. For details call Larry Wier at x30301.

Step/bench aerobics: Low-impact cardiovascular workout. Classes meet from 5:15-6:15 p.m. Tuesdays and Thursdays. Cost is $32 for eight weeks. Call Kristen Taragzewski, instructor, at x36891 for more information.

Yoga: Stretching class of low-impact exercises designed for people of all ages and abilities in a Westernized format. Meets Thursdays 5-6 p.m. Cost is $32 for eight weeks. Call Darrell Matula, instructor, at x38520 for more information.

Ballroom dancing: Classes meet from 7-8:15 p.m. Thursdays for beginner advanced classes and from 8:15-9:30 p.m. for beginner-intermediate and intermediate students. Cost is $60 per couple.

Country and western dancing: Beginner class meets 7-8:30 p.m. Monday. Advanced class (must know basic steps to all dances) meets 8:30-10 p.m. Monday. Cost is $20 per couple.

http://www4.jsc.nasa.gov/ah/exceaa/Gilruth/Gilruth.htm

NASA BRIEFS

NASA, USDA WILL BRING SPACE TECHNOLOGY DOWN TO EARTH

A new partnership between NASA and the U.S. Department of Agriculture (USDA) could result in updated maps of Yellowstone National Park, a better understanding of wildfires and improved management of California vineyards.

Under the partnership, NASA has selected 13 research proposals that will apply remote-sensing data – images of the Earth taken by satellites – to issues on the ground: forest mapping, soil studies, wildfires, range management, flood-plain drainage and crop monitoring.

"This new partnership between NASA and USDA demonstrates the diverse and wide-ranging applications of NASA's Earth Science research and its relevance to the American people," said Dr. Ghassem Asrar, associate administrator of Earth Sciences, NASA Headquarters. "The Office of Earth Sciences is eager to form new partnerships with other government agencies, industry and public groups to expand America's use of our Earth Science research."

SYNTHETIC VISION COULD HELP PILOTS STEER CLEAR OF FATALITIES

NASA and industry are developing revolutionary cockpit displays to give airplane crews clear views of their surroundings in bad weather and darkness, which could help prevent deadly aviation accidents.

Limited visibility is the greatest factor in most fatal aircraft accidents, said Michael Lewis, director of the Aviation Safety Program at Langley Research Center. NASA has selected six industry teams to create Synthetic Vision, a virtual-reality display system for cockpits, offering pilots an electronic picture of what's outside their windows, no matter the weather or time of day.

"With Global Positioning Satellite signals, pilots now can know exactly where they are," said Lewis. "Add super-accurate terrain databases and graphical displays and we can draw three-dimensional moving scenes that will show pilots exactly what's outside. The type of accidents that happen in poor visibility just don't happen when pilots can see the terrain hazards ahead."

CLOUDSAT TO REVOLUTIONIZE STUDY OF CLOUDS AND CLIMATE

NASA will take a revolutionary, global look at clouds with a new spaceborne radar capable of peering deep into their interior to study their structure, composition and effects on climate.

Cloudsat, which will fly in 2003, will use an advanced radar to "slice" through clouds to see their vertical structure, providing a completely new observational capability from space – current weather satellites can only image the uppermost layers of clouds. Cloudsat will be the first satellite to study clouds on a global basis.

"A trio of satellites will provide unprecedented information on how clouds help transfer solar energy to and from our planet's atmosphere," said Dr. Ghassem Asrar, associate administrator for Earth Sciences, NASA Headquarters. "The data from Cloudsat will help us understand changes in the Earth's climate on global, regional and local scales."

SPACE CENTER Roundup

The Roundup is an official publication of the National Aeronautics and Space Administration, Johnson Space Center, Houston, Texas, and is published by the Public Affairs Office for all space center employees. The Roundup office is in Bldg. 2, Rm. 181. The mail code is AP3. The main telephone number is x38648, and the fax is x32000. Electronic mail messages may be directed to:

Editor . . . . . .William Jeffs . . . . . .william.p.jeffs@jsc.nasa.gov

Assistant Editor . . . . . .Nicole Cloutier . . . . . .ncloutier@ems.jsc.nasa.gov